

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Attorney Docket No.: 017386-0115

3/A
5-1-02
J. Antin

In re patent application of

Norbert LAUINGER

Serial No.: Unassigned

Filed: January 8, 2002

For: 3D GRATING OPTICAL SENSOR COMPRISING A DIFFUSION GLASS FOR
CONDUCTING CHROMATOMETRY WITH COLOR CONSTANCY PERFORMANCE

PRELIMINARY AMENDMENT

Commissioner for Patents
Washington, D.C. 20231

Sir:

Prior to examination of the above-identified application, Applicant respectfully
requests that the following amendments be entered into the application:

IN THE CLAIMS:

Please replace claims 4, 6, 7, 8, 9, 10, 14, and 17 as originally filed with the
amended claims as follows:

A1 --4. (Amended) The grating optical sensor as claimed in claim 1, characterized
in that the spectral transmission of the lens (1), the diffusion glass (9) and the modulator (4)
is limited to the visible region of electromagnetic radiation.

A2 6. (Amended) The grating optical sensor as claimed in claim 1, characterized
in that the receivers (8) are set to an identical spectral sensitivity for a radiation source (3)
emitting white light.

7. (Amended) The grating optical sensor as claimed in claim 1, characterized
in that the receivers (8) assigned to the same chromatic diffraction order (R, G, B) in the